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# **8-Digit Woodgrain Desktop Calculator**

**with 200-Year Calendar**



**Owner's Manual**

Please read before using this equipment.

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## **Contents**

<b>Features .....</b>	<b>3</b>
<b>Preparation .....</b>	<b>4</b>
Removing the Battery Insulation	
Strip .....	4
Using the Key Tone .....	5
<b>Operation .....</b>	<b>5</b>
Setting/Viewing the Time .....	5
Using the Alarm .....	10
Viewing the Calendar .....	11
Using the Calculator .....	12
Calculation Examples .....	15
<b>Care .....</b>	<b>18</b>
<b>Replacing the Battery .....</b>	<b>19</b>
<b>Specifications .....</b>	<b>22</b>

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## **Features**

Your RadioShack 8-Digit Woodgrain Desktop Calculator combines the versatility of a calculator with a digital alarm clock. Its compact case lets you easily carry the calculator wherever you go, or you can put it on the supplied wooden pedestal on your desk. The calculator's other features include:

**8-Digit Calculator** — performs standard arithmetic calculations.

**200-Year Calendar** — lets you view one month at a time from January 1900 to 2099.

**Key Tone** — lets you set the calculator to sound a tone each time you press a key.

**16-City World Time** — shows you the current time in 16 time zones around the world.

**Clock Alarm** — sounds at a time you set.

**Folding Case** — protects the calculator's keypad.

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## ***Preparation***



To use the supplied wooden pedestal, place it on a flat surface (such as a desk) and place the calculator in it. To access the calculator's keys, lift open its cover.

## **REMOVING THE BATTERY INSULATION STRIP**

To prevent battery drain during shipping, your calculator is shipped with an insulation strip that you must remove before use. To remove the strip, press the raised dots on the battery compartment cover and slide the cover off. Then firmly grasp

the slip by its end and gently pull it out. Replace the cover. The calculator beeps.

## USING THE KEY TONE

To set the calculator to sound a tone each time you press a key, press  so the calculator beeps once. To turn off the key tone, press  again.



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## *Operation*

### SETTING/VIEWING THE TIME

Once you set the date and time for your home time zone, all other world times are set automatically, based on your home time zone.

### Notes:

- The calculator automatically sets the day of the week based on the date you enter.
- In addition to performing standard calculations, your calculator has dual-function keys so you can check the time in 16 world cities.
- In the calendar display,  represents Sunday.

Follow these steps to set your home city's date and time zone.

1. Press the key for the city which is in your time zone (**CHICAGO** (•), for example), then press **SET** twice. The seconds digits flash.

2. Repeatedly press (or hold down)  $\wedge$  or  $\vee$  to set the seconds to 00.
3. Press **SET**. The hour digits flash.
4. Repeatedly press or hold down  $\wedge$  or  $\vee$  to set the hour.
5. Repeat Steps 3 and 4 to set the minute, year, month, and date.
6. When you finish, press **SET** once to complete the setting.

**Note:** Repeatedly press % at any time to toggle between the 12- and 24-hour formats. If the calculator is set to display the 12-hour format, **PM** appears for a PM hour.

## Viewing World Time

To view the time and date in any of the 16 time zones around the world, press the key for the desired city. The time and date in the selected city's time zone display for about 8 seconds, then the display returns to your home time.


Key	City	Coordinated Universal Time
0	Denver	-7
1	Sydney	+10
2	Wellington	+12
3	Honolulu	-10
4	Karachi	+5





Key	City	Coordinated Universal Time
5	Bangkok	+7
6	Hong Kong	+8
7	London	0
8	Paris	+1
9	Cairo	+2
•	Chicago	−6
=	New York	−5
+	Rio de Janeiro	−3
−	Los Angeles	−8
×	Tokyo	+9
÷	Moscow	+3

*Operation*

## USING THE ALARM

You can set the calculator to sound an alarm to remind you of a daily event (such as a meeting, for example). When the alarm is on,  appears. At the set time, the calculator sounds an alarm for about one minute. Press any button to silence the alarm before it automatically turns off.

Follow these steps to set the alarm time.

1. Press . If the alarm is turned off, - - **AL** appears. If the alarm is turned on, the last set alarm time appears.
2. If necessary, press **SET** to turn on the alarm. The last set alarm time and  appear, and the hour digits flash.
3. Repeatedly press (or hold down)  $\wedge$  or  $\vee$  to set the alarm hour.


**Note:** **PM** appears for PM hours.

4. Press **SET**. The minute digits flash.
5. Repeatedly press (or hold down)  $\wedge$  or  $\vee$  to set the minute digits.
6. Press **SET** to store the alarm time, then press  $\odot$  to return to the current clock/calendar display.  $\blacktriangleright$  appears. To turn the alarm off (at any time), repeatedly press  $\blacktriangleright$  until  $\blacktriangleright$  disappears.


To turn the alarm on or off at any time, repeatedly press  $\blacktriangleright$ .  $\blacktriangleright$  and the preset alarm time appear when the alarm is on. Press  $\odot$  to return to the current time.

## VIEWING THE CALENDAR

You can view the calendar for the years 1900 to 2099. To flip through the calen-

dar one month at a time, repeatedly press (or hold down)  $\wedge$  or  $\vee$ . To return to the current clock/calendar display, press .

## USING THE CALCULATOR

Press **CE/C** or **AC** to enter the calculator mode. To clear a calculation, press **AC** once. To return to the current time display at any time, press . Or, the calculator automatically returns to the clock/calendar display if you do not press a button for about 8 minutes.

## Correcting Entry Errors

If you enter an incorrect number, press **CE/C** once, then enter the correct number and proceed with your calculation.

If you enter an incorrect function key (+, −, ×, or ÷), simply press the correct function key and continue.

## Errors

**E** (error) appears when:

- You attempt to divide a number by 0.
- The calculation result exceeds eight digits to the left of the decimal point. This is an overflow error (see “Estimating Calculation Results”).

Press **CE/C** to clear an error, then begin your calculation again.

## Estimating Calculation Results

If you perform a calculation that results in an overflow error, you can estimate the correct result (to eight significant digits) by following these steps.

1. Count the number digits displayed to the left of the decimal point.

2. Remove the decimal point.
3. Add as many zeros to the right of the number as there were digits to the left of the decimal point.

For example, if **E 1.0142064** appears, the approximate answer is 101,420,640.

## CALCULATION EXAMPLES

### Basic Arithmetic

You Press	You See
$123 + 456 =$	579 .
$857 - 119 =$	738 .
$92 \times 43 =$	3956 .
$927 \div 17 =$	54.529411
$741 - 258 \times 0.5 =$	241.5
$123 - 456 =$	-333 .

### Mixed Calculations

You Press	You See
$48 + 16 - 62 \times 8 \div 7 =$	2.2857142

## Percentages

Calculation: 20% of 640

You Press	You See
$640 \times 20 \%$	128 .

Calculation: 25% added on to 375

You Press	You See
$375 + 25 \%$	468.75

Calculation: 962 reduced by 18%

You Press	You See
$962 - 18 \%$	788.84



## Constants

When doing multiplication calculations, the first value you enter is the constant.

You Press	You See
$295 \times 16 =$	4720.
$27 =$	7965.

For addition, subtraction, and division, the last value you enter before pressing = is the constant.

You Press	You See
$273 + 572 =$	845.
$768 =$	1340.
$597 - 184 =$	413.

You Press	You See
323 =	139.
2828 ÷ 14 =	202.
5460 =	390.

## **Care**

To enjoy your RadioShack 8-Digit Woodgrain Desktop Calculator for a long time:

- Keep the calculator dry. If it gets wet, wipe it dry immediately.
- Use and store the calculator only in normal temperature environments.
- Handle the calculator gently and carefully. Do not drop it.

- Keep the calculator away from dust and dirt.
- Wipe the calculator with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the calculator's internal components can cause a malfunction and invalidate its warranty. If your calculator is not performing as it should, take it to your local RadioShack store for assistance.

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## ***Replacing the Battery***

If the display dims or the calculator's speed slows, replace the batteries with two A76 alkaline button-cell batteries.

**Warnings:**

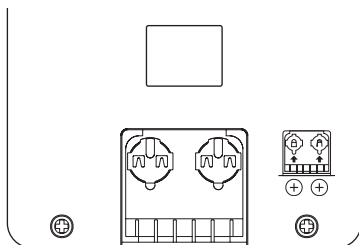
- Keep button-cell batteries away from children. Swallowing a button-cell battery can be fatal.
- Dispose of old batteries promptly and properly. Do not burn or bury them.

**Cautions:**

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries or different types of batteries.

Follow these steps to replace batteries.

1. Press the raised dots on the battery compartment cover and slide the cover off.



2. Use a screwdriver to gently push the old batteries out of the battery holder.
3. Insert two new batteries with their positive (+) sides facing up, then push them into the battery holder.
4. Replace the battery compartment cover.

**Note:** You must reset the calendar and time after you replace the batteries.



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## ***Specifications***

Display .....	LCD
Operating Temperature .....	32° to 104°F (0° to 40°C)
Power Supply .....	A76 Alkaline Button-Cell Batteries
Battery Life .....	About 1 Year
Dimensions (HWD) .....	$5^{15}/_{32} \times 4^{17}/_{32} \times 1^{1}/_{4}$ in (139 × 115 × 32 mm)
Weight (Including Wooden Pedestal) .....	6.84 oz (193.9 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

### **Limited Ninety-Day Warranty**

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar (*continued*)

(continued) design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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